



**US Army Corps
of Engineers®**

Engineer Research and
Development Center

TEC Imagery Office (TIO)

Description and Background

The TEC Imagery Office (TIO) was designated by the Office of the Assistant Chief of Engineers (OCE/P) in 1990 to act as the U.S. Army's Commercial Imagery Acquisition monitor. This action was designed to prevent Army agencies/organizations from duplicating commercial imagery data purchases. In addition, TIO was designated as the repository of selected commercial imagery data pertaining to terrain analysis and water resources operations.

Key Capabilities



Efficient management of the research, acquisition, and distribution of imagery and imagery products is increasingly important as Army units expand their use of this technology, especially to assist them with the Global War on Terror, Operation Iraqi Freedom and Operation Enduring Freedom. TIO serves several functions in its role as monitor, as defined by a Memorandum of Understanding signed by the Army and the U.S. Geological Survey (USGS) on November 26, 1990. These include acting as the Army's primary Point of Contact for commercial satellite imagery data sources to support engineer and terrain analysis operations and applications, and serving as the repository of selected commercial images/products. TIO interfaces with commercial satellite imagery vendors, the National Geospatial-Intelligence Agency (NGA), the USGS, and other data providers in order to collect and disseminate commercial satellite imagery/products, aerial photography, and IFSAR/LIDAR to Army, various DoD personnel, Corps of Engineers civil works personnel and ERDC-TEC internal customers.

Current Status

The TIO team consists of one team lead, four personnel dedicated to commercial imagery, aerial photography, and IFSAR/LIDAR research, collection and dissemination and two personnel dedicated to NTM research, collection and dissemination. All financial management/coordination of customer accounts is by the Eros Data Center (EDC) at USGS. Army funds for commercial imagery procurement have severely decreased in recent years, however, TIO offers many avenues in which to satisfy valid imagery requirements. Using government contract vehicles such as the NGA ClearView contract, is one avenue utilized by TIO to acquire commercial imagery data. Another approach is taking advantage of the expanding repository at NGA called the Commercial Satellite Imagery Library (CSIL), which provides standard commercial imagery available at no cost. TIO commercial satellite imagery holdings are accessible on line and interested TIO customers can make inquiries about software installation and accounts.

Point of Contact

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